

Message

From: Praskins, Wayne [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4F47BC0A2C2E42A98347D59CD1A98B19-WPRASKIN]
Sent: 4/20/2020 6:04:26 PM
To: Hays, David C Jr CIV USARMY CENWK (USA) [David.C.Hays@usace.army.mil]
Subject: RE: [Non-DoD Source] FW: Navy RGs vs Res BPRGs Summary_Res Pathway Risk Comparisons (002).xlsx
Attachments: HPNS Structures BPRG Inputs and Results_1Oct19.xlsx

Dave –

In addition to asking you some questions about your Hunters Point work, I'd like to ask you about the Navy's Hunters Point BPRG runs (attached; one of the files I sent to Julie in December).

I'll call you in 30 min.

Wayne Praskins | Superfund Project Manager
U.S. Environmental Protection Agency Region 9
75 Hawthorne St. (SFD-7-3)
San Francisco, CA 94105
415-972-3181

From: Hays, David C Jr CIV USARMY CENWK (USA) <David.C.Hays@usace.army.mil>
Sent: Sunday, April 19, 2020 8:04 AM
To: Praskins, Wayne <Praskins.Wayne@epa.gov>
Subject: RE: [Non-DoD Source] FW: Navy RGs vs Res BPRGs Summary_Res Pathway Risk Comparisons (002).xlsx

1130 PDT works for me.

From: Praskins, Wayne <Praskins.Wayne@epa.gov>
Sent: Saturday, April 18, 2020 1:58 PM
To: Hays, David C Jr CIV USARMY CENWK (USA) <David.C.Hays@usace.army.mil>
Subject: RE: [Non-DoD Source] FW: Navy RGs vs Res BPRGs Summary_Res Pathway Risk Comparisons (002).xlsx

Dave –

Does 11:30AM Pacific time work to talk Monday? (Can't remember which time zone you're in).

If not, how about 8:30 or 9AM? Or 3PM. All Pacific time.

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From: Hays, David C Jr CIV USARMY CENWK (USA) <David.C.Hays@usace.army.mil>
Sent: Saturday, April 18, 2020 8:34 AM
To: Praskins, Wayne <Praskins.Wayne@epa.gov>
Subject: RE: [Non-DoD Source] FW: Navy RGs vs Res BPRGs Summary_Res Pathway Risk Comparisons (002).xlsx

I can be available anytime Monday as of right now. Let me know what works best for you.

From: Praskins, Wayne <Praskins.Wayne@epa.gov>
Sent: Friday, April 17, 2020 12:02 PM
To: Hays, David C Jr CIV USARMY CENWK (USA) <David.C.Hays@usace.army.mil>
Subject: RE: [Non-DoD Source] FW: Navy RGs vs Res BPRGs Summary_Res Pathway Risk Comparisons (002).xlsx

Dave –

Thanks! Do you have a few minutes, today or next week, to talk through your calculations?

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From: Hays, David C Jr CIV USARMY CENWK (USA) <David.C.Hays@usace.army.mil>
Sent: Friday, April 17, 2020 9:57 AM
To: Rankins, Jonathan E CIV USARMY CEMVS (USA) <Jonathan.E.Rankins@usace.army.mil>; Praskins, Wayne <Praskins.Wayne@epa.gov>
Cc: Clements, Julie A CIV (USA) <Julie.A.Clements@usace.army.mil>; Walker, Stuart <Walker.Stuart@epa.gov>
Subject: RE: [Non-DoD Source] FW: Navy RGs vs Res BPRGs Summary_Res Pathway Risk Comparisons (002).xlsx

Sorry, just realized I forgot to mention the Navy's removable limit for Ra-226 alone is 20 dpm/100 cm² (20% removable fraction of total of 100 dpm/100 cm²). So the BPRG for the radium chain is 1.22 or 6.1% of current. Since based on Reg Guide 1.86 the maximum averaging area is 1 square meter. Although not stated explicitly for removable, arguably the hot spot criteria could be a factor 3 higher per the Reg. A higher hotspot criteria and larger averaging area could be agreed to by both Navy and EPA based on MARSSIM area factor approach.

Regardless, the Navy may have data already that they could defend a NFA decision on dusts using the BPRG. From what their documents suggest they have a lot of wipe samples with less than 6% of their removable limit on them already.

Dave

From: Hays, David C Jr CIV USARMY CENWK (USA)
Sent: Friday, April 17, 2020 11:36 AM
To: Rankins, Jonathan E CIV USARMY CEMVS (USA) <Jonathan.E.Rankins@usace.army.mil>; Praskins, Wayne <Praskins.Wayne@epa.gov>
Cc: Clements, Julie A CIV (USA) <Julie.A.Clements@usace.army.mil>; Walker, Stuart <Walker.Stuart@epa.gov>
Subject: RE: [Non-DoD Source] FW: Navy RGs vs Res BPRGs Summary_Res Pathway Risk Comparisons (002).xlsx

All, please see attached. The file titled "example...." Presents the BPRG for dusts. PLEASE see the notes discussions. The other 2 files are the outputs from the BPRG calculator and the individual tables as presented in the "example ..." file.

Have a great weekend.

Dave

From: Rankins, Jonathan E CIV USARMY CEMVS (USA) <Jonathan.E.Rankins@usace.army.mil>
Sent: Friday, April 17, 2020 11:07 AM
To: Praskins, Wayne <Praskins.Wayne@epa.gov>; Hays, David C Jr CIV USARMY CENWK (USA) <David.C.Hays@usace.army.mil>
Cc: Clements, Julie A CIV (USA) <Julie.A.Clements@usace.army.mil>; Walker, Stuart <Walker.Stuart@epa.gov>
Subject: RE: [Non-DoD Source] FW: Navy RGs vs Res BPRGs Summary_Res Pathway Risk Comparisons (002).xlsx

Might have to factor in the difference in SFs , if applicable

Sent with BlackBerry Work
(BlockedBlockedwww.blackberry.com)

From: Praskins, Wayne <Praskins.Wayne@epa.gov>
Date: Thursday, Apr 16, 2020, 11:00 PM
To: Hays, David C Jr CIV USARMY CENWK (USA) <David.C.Hays@usace.army.mil>
Cc: Rankins, Jonathan E CIV USARMY CEMVS (USA) <Jonathan.E.Rankins@usace.army.mil>, Clements, Julie A CIV (USA) <Julie.A.Clements@usace.army.mil>, Walker, Stuart <Walker.Stuart@epa.gov>
Subject: [Non-DoD Source] FW: Navy RGs vs Res BPRGs Summary_Res Pathway Risk Comparisons (002).xlsx

Dave -

We had an action item from our call earlier today about you coming up with dust-only PRGs at the 1×10^{-4} risk level using the BPRG calculator. Can I get the values from the spreadsheet Jon shared in January (attached) by assuming a linear relationship between the RG and ingestion risk?

For example, would the dust only PRG for Ra-226 be: $100 \text{ dpm/cm}^2 \times (1 \times 10^{-4}) / (2.7 \times 10^{-4}) = 37 \text{ dpm/cm}^2$?

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-----Original Message-----

From: Rankins, Jonathan E CIV USARMY CEMVS (USA) <Jonathan.E.Rankins@usace.army.mil>
Sent: Friday, January 31, 2020 10:33 AM
To: Hays, David C Jr CIV USARMY CENWK (USA) <David.C.Hays@usace.army.mil>; Clements, Julie A CIV (USA) <Julie.A.Clements@usace.army.mil>; Praskins, Wayne <Praskins.Wayne@epa.gov>
Subject: Navy RGs vs Res BPRGs Summary_Res Pathway Risk Comparisons (002).xlsx

Just a summary table with all the pathway comparisons, adult and child.